IN THE CLAIMS

Claims 124 and 139 have been amended. Claims 151-155, 157, 158, 160-164, 166, and 167 have been canceled. Claims 124-127, 129-150, 156, 157, 159, 165, and 168 are pending in the present application. The following is the status of the claims of the above-captioned application, as amended:

Claims 1-123 cancelled.

124. (Currently Amended) A method for producing a secreted heterologous polypeptide, comprising:

(a) cultivating a mutant cell of a parent *Fusarium venenatum* cell under conditions conducive for the production of the secreted heterologous polypeptide, wherein (i) the mutant cell comprises a first nucleic acid encoding the secreted heterologous polypeptide, and (ii) the mutant cell comprises a second nucleic acid which comprises a disruption or a deletion in a cyclohexadepsipeptide synthetase gene, wherein the mutant cell produces less cyclohexadepsipeptide than the parent *Fusarium venenatum* cell when cultured under the same conditions as a result of the disruption or the deletion in the cyclohexadepsipeptide synthetase gene, wherein the cyclohexadepsipeptide synthetase gene encodes a cyclohexadepsipeptide synthetase having an amino acid sequence which has at least ~~70%~~ 95% identity with SEQ ID NO: 2; or a cyclohexadepsipeptide synthetase which is encoded by a nucleic acid which hybridizes under at least ~~medium~~ high stringency conditions with (i) the nucleic acid of SEQ ID NO: 1, (ii) the cDNA of SEQ ID NO: 1, or (iii) a complete complementary strand of (i) or (ii), wherein ~~medium~~ high stringency conditions are defined as prehybridization and hybridization at 45°C in 5X SSPE, 0.3% SDS, 200 μg/ml sheared and denatured salmon sperm DNA, and ~~35%~~ 50% formamide and washing three times each for 15 minutes using 2X SSC, 0.2% SDS at 55°C; and

(b) isolating the secreted heterologous polypeptide from the cultivation medium.

125. (Previously Presented) The method of claim 124, wherein the *Fusarium venenatum* cell is *Fusarium venenatum* ATCC 20334.

126. (Previously Presented) The method of claim 124, wherein the *Fusarium venenatum* cell is

a morphological mutant.

127. (Previously Presented) The method of claim 126, wherein the *Fusarium venenatum* cell is a morphological mutant of *Fusarium venenatum* ATCC 20334.

128. (Canceled).

129. (Previously Presented) The method of claim 124, wherein the cyclohexadepsipeptide synthetase gene encodes the cyclohexadepsipeptide synthetase of SEQ ID NO: 2.

130. (Previously Presented) The method of claim 129, wherein the cyclohexadepsipeptide synthetase gene has the nucleic acid sequence of SEQ ID NO: 1.

131. (Previously Presented) The method of claim 124, wherein the mutant cell produces at least 25% less of the cyclohexadepsipeptide than the parent *Fusarium venenatum* cell when cultured under identical conditions.

132. (Previously Presented) The method of claim 124, wherein the mutant cell produces no cyclohexadepsipeptide.

133. (Previously Presented) The method of claim 124, wherein the mutant cell comprises at least two copies of the first nucleic acid.

134. (Previously Presented) The method of claim 124, wherein the secreted heterologous polypeptide is a hormone, enzyme, receptor or portion thereof, antibody or portion thereof, or reporter.

135. (Previously Presented) The method of claim 134, wherein the enzyme is an oxidoreductase, transferase, hydrolase, lyase, isomerase, or ligase.

136. (Previously Presented) The method of claim 124, wherein the mutant cell further comprises one or more nucleic acids, in addition to the two nucleic acids already present in the mutant cell, which comprise a disruption or a deletion to reduce or eliminate expression of the

one or more additional nucleic acids.

137. (Previously Presented) The method of claim 136, wherein the third nucleic acid encodes an enzyme selected from the group consisting of an aminopeptidase, amylase, carbohydrase, carboxypeptidase, catalase, cellulase, chitinase, cutinase, cyclodextrin glycosyltransferase, deoxyribonuclease, esterase, alpha-galactosidase, beta-galactosidase, glucoamylase, alpha-glucosidase, beta-glucosidase, invertase, laccase, lipase, mannosidase, mutanase, oxidase, pectinolytic enzyme, peroxidase, phytase, polyphenoloxidase, proteolytic enzyme, ribonuclease, transglutaminase, and xylanase.

138. (Previously Presented) The method of claim 136, wherein a third nucleic acid encodes a protease.

139. (Currently Amended) A cyclohexadepsipeptide-deficient mutant cell of a parent *Fusarium venenatum* cell, comprising (i) a first nucleic acid encoding a secreted heterologous polypeptide, and (ii) a second nucleic acid comprising a disruption or a deletion in a cyclohexadepsipeptide synthetase gene, wherein the *Fusarium venenatum* mutant cell produces less cyclohexadepsipeptide than the parent *Fusarium venenatum* cell when cultured under the same conditions as a result of the disruption or the deletion in the cyclohexadepsipeptide synthetase gene, wherein the cyclohexadepsipeptide synthetase gene encodes a cyclohexadepsipeptide synthetase having an amino acid sequence which has at least ~~70%~~ 95% identity with SEQ ID NO: 2; or a cyclohexadepsipeptide synthetase which is encoded by a nucleic acid which hybridizes under at least ~~medium~~ high stringency conditions with (i) the nucleic acid of SEQ ID NO: 1, (ii) the cDNA of SEQ ID NO: 1, or (iii) a complete complementary strand of (i) or (ii), wherein ~~medium~~ high stringency conditions are defined as prehybridization and hybridization at 45°C in 5X SSPE, 0.3% SDS, 200 μg/ml sheared and denatured salmon sperm DNA, and ~~35%~~ 50% formamide and washing three times each for 15 minutes using 2X SSC, 0.2% SDS at 55°C.

140. (Previously Presented) The mutant cell of claim 139, wherein the *Fusarium venenatum* cell is *Fusarium venenatum* ATCC 20334.

141. (Previously Presented) The mutant cell of claim 139, wherein the *Fusarium venenatum* cell is a morphological mutant.

142. (Previously Presented) The mutant cell of claim 141, wherein the *Fusarium venenatum* cell is a morphological mutant of *Fusarium venenatum* ATCC 20334.

143. (Canceled).

144. (Previously Presented) The mutant cell of claim 139, wherein the cyclohexadepsipeptide synthetase gene encodes the cyclohexadepsipeptide synthetase of SEQ ID NO: 2.

145. (Previously Presented) The mutant cell of claim 144, wherein the cyclohexadepsipeptide synthetase gene has the nucleic acid sequence of SEQ ID NO: 1.

146. (Previously Presented) The mutant cell of claim 139, which comprises at least two copies of the first nucleic acid.

147. (Previously Presented) The mutant cell of claim 139, wherein the secreted heterologous polypeptide is a hormone, enzyme, receptor or portion thereof, antibody or portion thereof, or reporter.

148. (Previously Presented) The mutant cell of claim 147, wherein the enzyme is an oxidoreductase, transferase, hydrolase, lyase, isomerase, or ligase.

149. (Previously Presented) The mutant cell of claim 139, wherein the mutant cell further comprises one or more nucleic acids, in addition to the two nucleic acids already present in the mutant cell, which comprise a disruption or a deletion to reduce or eliminate expression of the one or more additional nucleic acids.

150. (Previously Presented) The mutant cell of claim 149, wherein the third nucleic acid encodes an enzyme selected from the group consisting of an aminopeptidase, amylase, carbohydrase, carboxypeptidase, catalase, cellulase, chitinase, cutinase, cyclodextrin glycosyltransferase, deoxyribonuclease, esterase, alpha-galactosidase, beta-galactosidase, glucoamylase, alpha-glucosidase, beta-glucosidase, invertase, laccase, lipase, mannosidase, mutanase, oxidase, pectinolytic enzyme, peroxidase, phytase, polyphenoloxidase, proteolytic

enzyme, ribonuclease, transglutaminase, and xylanase.

151. (Canceled).

152. (Canceled).

153. Canceled).

154. (Canceled).

155. (Canceled).

156. (Previously Presented) The method of claim 124, wherein the cyclohexadepsipeptide synthetase gene encodes a cyclohexadepsipeptide synthetase having an amino acid sequence which has at least 95% identity with SEQ ID NO: 2.

157. (Canceled).

158. (Canceled).

159. (Previously Presented) The method of claim 124, wherein the cyclohexadepsipeptide synthetase is encoded by a nucleic acid which hybridizes under at least high stringency conditions with (i) the nucleic acid of SEQ ID NO: 1, (ii) the cDNA of SEQ ID NO: 1, or (iii) a complete complementary strand of (i) or (ii), wherein high stringency conditions are defined as prehybridization and hybridization at 45°C in 5X SSPE, 0.3% SDS, 200 μg/ml sheared and denatured salmon sperm DNA, and 50% formamide and washing three times each for 15 minutes using 2X SSC, 0.2% SDS at 65°C.

160. (Canceled).

161. (Canceled).

162. (Canceled).

163. (Canceled).

164. (Canceled).

165. (Previously Presented) The mutant cell of claim 139, wherein the cyclohexadepsipeptide synthetase gene encodes a cyclohexadepsipeptide synthetase having an amino acid sequence which has at least 95% identity with SEQ ID NO: 2.

166. (Canceled).

167. (Canceled).

168. (Previously Presented) The mutant cell of claim 139, wherein the cyclohexadepsipeptide synthetase is encoded by a nucleic acid which hybridizes under at least high stringency conditions with (i) the nucleic acid of SEQ ID NO: 1, (ii) the cDNA of SEQ ID NO: 1, or (iii) a complete complementary strand of (i) or (ii), wherein high stringency conditions are defined as prehybridization and hybridization at 45°C in 5X SSPE, 0.3% SDS, 200 μg/ml sheared and denatured salmon sperm DNA, and 50% formamide and washing three times each for 15 minutes using 2X SSC, 0.2% SDS at 65°C.